

Peak District National Park

Forecast valid from 06:00 on Monday 16 Oct 2023 until 23:59 on Tuesday 17 Oct 2023

Forecast Issued on Monday 16 Oct 2023 at 00:13

Confidence: High becoming Medium for the ingress of rain from Wednesday and Low by Friday.

Headline for Monday 16 Oct 2023: Dry and bright with a chilly start.

Mountain weather hazards on Monday 16 Oct 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Monday 16 Oct 2023

Weather: A cold start, with any early mist or fog patches and frost clearing during the morning. Then a dry and bright day with sunny spells, although the sunshine could be hazy under high cloud. Staying dry with clear spells in the evening. Risk of freezing fog patches forming overnight.

Chance of cloud-free hill tops above 600m: 95% or more

Low cloud and visibility: No significant cloud expected, although some very brief deteriorations possible in the morning as any fog patches lift. Visibility very good, except in any early mist or fog in the valleys.

Forecast for Monday 16 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 SE	6/10 SE	7/11 SE	8/12 SE	10/15 E	11/18 E	13/19 E
300	4/5 SE	3/7 E	6/9 SE	6/10 SE	6/10 E	6/13 E	7/12 E
Valley	4/5 E	3/7 E	5/9 SE	6/10 SE	6/12 E	8/13 E	9/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/2	5/2	6/3	6/3	4/1	4/1	4/0
300	6/4	6/6	8/7	8/7	7/5	6/4	6/3
Valley	4/3	7/6	9/8	10/8	7/6	7/4	6/4
Freezing Level*	1000m	1000m	1000m	1000m	1000m	1100m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling chilly out of the sun. Temperatures lower in the valleys around dawn with a frost possible.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 16 Oct 2023	N/A	N/A	N/A

Forecast for Tuesday 17 Oct 2023

Weather: Clear spells overnight with patchy mist, freezing fog and frost possible in the valleys. Perhaps some low cloud developing overnight, helping to clear any mist and fog. This will lead to another dry and bright day with any sunshine rather hazy. Winds freshening during the day.

Maximum wind: East 15mph increasing 25mph gusting 35mph in the afternoon.

Chance of cloud-free hill tops above 600m: 60% becoming 95% by mid-morning.

Low cloud and visibility: Areas of cloud base 400 to 600m, at first mainly in the east, clearing during the morning. Visibility very good, but poor in mist and very poor in fog and low cloud.

Temperature: **Valleys:** Plus 1 Celsius rising to plus 13 Celsius
At 600m: Plus 2 Celsius rising to plus 7 Celsius
Freezing level: Generally above the summits, but a frost possible around dawn.